

Rec'd PCT/PTC 04 APR 2005 #7

FAX TRANSMISSION**DATE:** April 4, 2005**PTO IDENTIFIER:** Application Number 10/500,558-Conf. #7728
Patent Number**Inventor:** Carlos Martinez-Alonzo et al.**MESSAGE TO:** US/RO**FAX NUMBER:** (703) 305-3230**FROM:** CONNOLLY BOVE LODGE & HUTZ LLP
John A. Evans**PHONE:** (202) 331-7111**Attorney Dkt. #:** 22263-00001-US2**PAGES (Including Cover Sheet):** 15**CONTENTS:**

Transmittal Letter to the United States Designated-Elected Office (2 pages)
Fee Transmittal (1 page)
Petition for Extension of Time (1 page)
Application Data Sheet (3 pages)
Copy of Notification of Missing Requirements
Oath or declaration of the inventor(s)
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Certificate of Transmission (1 page)

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PTO/SB/97 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Application No. (if known): 10/500,558

Attorney Docket No.: 22263-00001-US2

Certificate of Transmission under 37 CFR 1.8

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on April 4, 2005
Date



Signature

Lisa Hawkins

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PTO-1390 (Rev. 02-2005)

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 22263-00001-US2
		U.S. APPLICATION NO. (If known, see 37 CFR 1.6) 10/500,558
INTERNATIONAL APPLICATION NO. PCT/IB02/05789	INTERNATIONAL FILING DATE 31 December 2002	PRIORITY DATE CLAIMED 31 December 2001
TITLE OF INVENTION FUNCTIONAL INACTIVATION OF CXCR4-MEDIATED RESPONSES IN GROWTH HORMONE TRANSGENIC MICE THROUGH SOCS3 UP-REGULATION		
APPLICANT(S) FOR DO/EO/US Carlos Martinez-Alonzo et al.		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☐ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
- ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (9)). The submission must include items (5), (8), (9) and (21) indicated below.
- ☐ The US has been elected (Article 31).
- ☐ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - ☐ is attached hereto (required only if not communicated by the International Bureau).
 - ☐ has been communicated by the International Bureau.
 - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - ☐ is attached hereto.
 - ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - ☐ are attached hereto (required only if not communicated by the International Bureau).
 - ☐ have been communicated by the International Bureau.
 - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☐ A preliminary amendment.
- ☒ An Application Data Sheet under 37 CFR 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
- ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☐ Other items or information: Copy of Notification of Missing Requirements

PTO-1390 (Rev. 02-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/500,558		INTERNATIONAL APPLICATION NO. PCT/IB02/05789		ATTORNEY'S DOCKET NUMBER 22263-00001-US2	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21.	<input type="checkbox"/> Basic national fee\$300		\$	
22.	<input type="checkbox"/> Examination fee				
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)\$100				\$	
All other situations\$200					
23.	<input type="checkbox"/> Search fee				
Search fee (37 CFR 1.445(e)(2)) has been paid on the international application to the USPTO as an International Searching Authority\$100				\$	
International Search Report prepared and provided to the Office\$400					
All other situations\$500				\$	
TOTAL OF 21, 22 and 23 =				\$	0.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$	130.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	- 20 =		x	\$	
Independent claims	- 3 =		x	\$	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)				\$	
TOTAL OF ABOVE CALCULATIONS =				\$	130.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				\$	
SUBTOTAL =				\$	130.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				+	\$
TOTAL NATIONAL FEE =				\$	130.00
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$
TOTAL FEES ENCLOSED =				\$	130.00
				Amount to be refunded:	\$
				Amount to be charged:	\$
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ 130.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 22-0185. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>SIGNATURE: <u>John A. Evans</u></p> <p>NAME</p> <p>CUSTOMER NUMBER: 30678</p> <p>REGISTRATION NUMBER 44,100</p>					

PTO/SB/17 (12-04v2)

Approved for use through 7/31/2005. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/03/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4518). FEE TRANSMITTAL For FY 2005		Complete If Known	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	
		Filing Date	
		First Named Inventor	
		Examiner Name	
		Art Unit	
TOTAL AMOUNT OF PAYMENT (\$)		1720.00	
Attorney Docket No.		22263-00001-US2	

METHOD OF PAYMENT (check all that apply)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>22-0185</u> Deposit Account Name: <u>Connolly Bove Lodge & Hutz LLP</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee	
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments	

FEE CALCULATION							
1. BASIC FILING, SEARCH, AND EXAMINATION FEES							
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____
							Small Entity Fee (\$)
							50 25
2. EXCESS CLAIM FEES							Fee (\$)
Fee Description							Fee (\$)
Each claim over 20 (including Reissues)							200 100
Each independent claim over 3 (including Reissues)							360 180
Multiple dependent claims							_____
Total Claims		Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims		Fee (\$)
_____ - 20 = _____		x	_____	=	_____		_____
Indep. Claims		Extra Claims	Fee (\$)	Fee Paid (\$)	_____		_____
_____ - 3 = _____		x	_____	=	_____		_____
3. APPLICATION SIZE FEE							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
Total Sheets		Extra Sheets	Number of each additional 50 or fraction thereof		Fee (\$)	Fee Paid (\$)	
_____ - 100 = _____		/ 50	(round up to a whole number) x		_____	Fees Paid (\$)	
4. OTHER FEE(S)							
Non-English Specification, \$130 fee (no small entity discount)						130.00	
Other (e.g., late filing surcharge): 1617 National Stage oath or declaration after thirty ...						1590.00	
1254 Extension for Response within fourth month						_____	

SUBMITTED BY		Registration No.	44,100	Telephone	(202) 331-7111
Signature	[Signature]		(Attorney/Agent)	Date	April 4, 2005
Name (Print/Type)		John A. Evans			

05/19/2005 KWILLIAM 00000002 220185 10500558

01 FC:1617 130.00 DA
02 FC:1254 1590.00 DA

BAH/JAE



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/500,558	Carlos Martinez-Alonzo	21910-00006-US2

INTERNATIONAL APPLICATION NO.
PCT/IB02/05789

LA. FILING DATE	PRIORITY DATE
12/31/2002	12/31/2001

30678
CONNOLLY BOVE LODGE & HUTZ LLP
SUITE 800
1990 M STREET NW
WASHINGTON, DC 20036-3425

CONFIRMATION NO. 7728
371 FORMALITIES LETTER



OC000000013972058

Date Mailed: 10/04/2004

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/30/2004
- Copy of the International Search Report filed on 06/30/2004
- Biochemical Sequence Diskette filed on 06/30/2004
- Biochemical Sequence Listing filed on 06/30/2004
- U.S. Basic National Fees filed on 06/30/2004
- Priority Documents filed on 06/30/2004

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Late oath or declaration Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

KAREN M WILLIAMS

Telephone: (703) 305-3688

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/500,558	PCT/IB02/05789	21910-00006-US2

FORM PCT/DO/EO/905 (371 Formalities Notice)